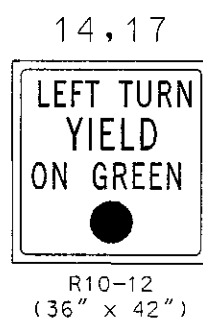
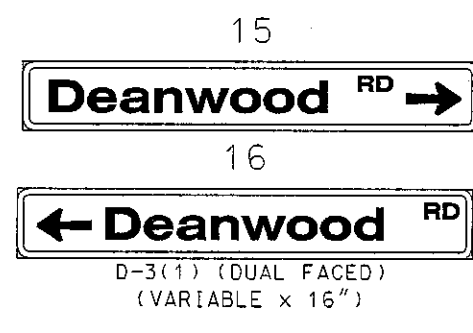
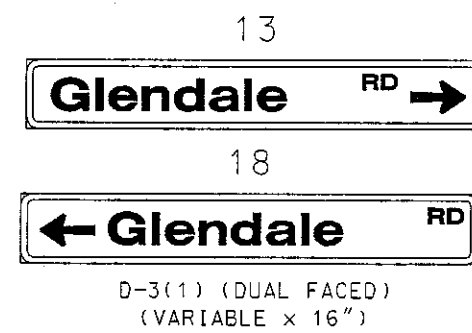
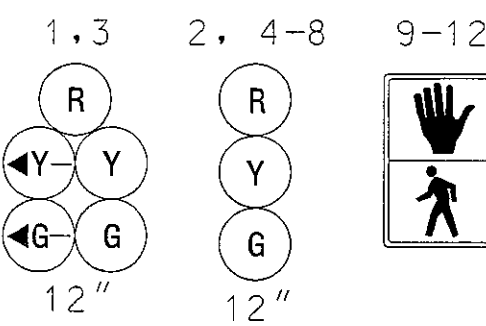


MD 542 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

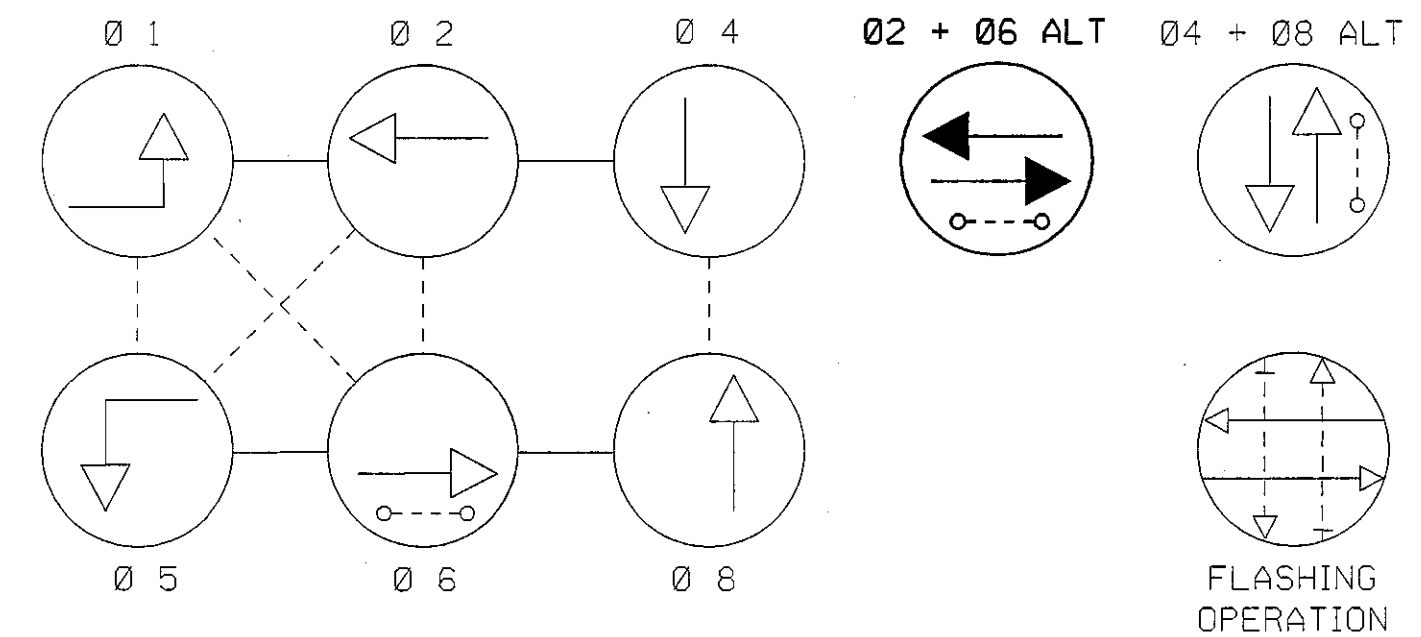
EXISTING SIGNS



EXISTING SIGNAL HEADS



NEMA PHASING

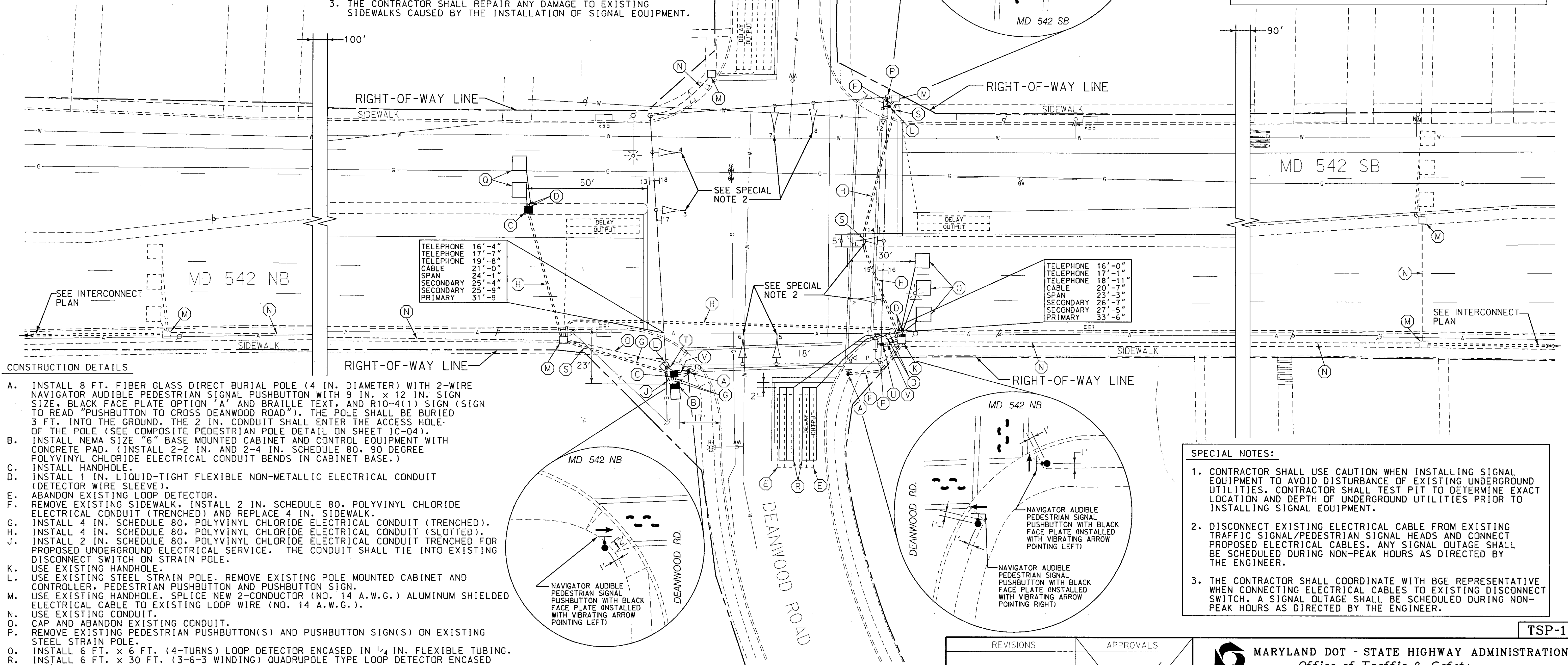


PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

GENERAL NOTES

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
- THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.



CONSTRUCTION DETAILS

- INSTALL 8 FT. FIBER GLASS DIRECT BURIAL POLE (4 IN. DIAMETER) WITH 2-WIRE NAVIGATOR AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTON WITH 9 IN. X 12 IN. SIGN SIZE, BLACK FACE PLATE OPTION 'A' AND BRAILLE TEXT, AND R10-4(1) SIGN (SIGN TO READ "PUSHBUTTON TO CROSS DEANWOOD ROAD"). THE POLE SHALL BE BURIED 3 FT. INTO THE GROUND. THE 2 IN. CONDUIT SHALL ENTER THE ACCESS HOLE OF THE POLE (SEE COMPOSITE PEDESTRIAN POLE DETAIL ON SHEET IC-04).
- INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROL EQUIPMENT WITH CONCRETE PAD. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN CABINET BASE.)
- INSTALL HANDHOLE.
- INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- ABANDON EXISTING LOOP DETECTOR.
- REMOVE EXISTING SIDEWALK. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) AND REPLACE 4 IN. SIDEWALK.
- INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
- INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE. THE CONDUIT SHALL TIE INTO EXISTING DISCONNECT SWITCH ON STRAIN POLE.
- USE EXISTING HANDHOLE.
- USE EXISTING STEEL STRAIN POLE. REMOVE EXISTING POLE MOUNTED CABINET AND CONTROLLER. PEDESTRIAN PUSHBUTTON AND PUSHBUTTON SIGN.
- USE EXISTING HANDHOLE. SPLICE NEW 2-CONDUCTOR (NO. 14 A.W.G.) ALUMINUM SHIELDED ELECTRICAL CABLE TO EXISTING LOOP WIRE (NO. 14 A.W.G.).
- USE EXISTING CONDUIT.
- CAP AND ABANDON EXISTING CONDUIT.
- REMOVE EXISTING PEDESTRIAN PUSHBUTTON(S) AND PUSHBUTTON SIGN(S) ON EXISTING STEEL STRAIN POLE.
- INSTALL 6 FT. X 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- REMOVE EXISTING SIDEWALK. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) AND REPLACE 4 IN. SIDEWALK.
- INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED). THE CONDUIT SHALL TIE INTO EXISTING CONDUIT BEND IN FOUNDATION.
- INSTALL 8 FT. FIBER GLASS DIRECT BURIAL POLE (4 IN. DIAMETER) WITH 2-WIRE NAVIGATOR AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTON WITH 9 IN. X 12 IN. SIGN SIZE, BLACK FACE PLATE OPTION 'A' AND BRAILLE TEXT, AND R10-4(1) SIGN (SIGN TO READ "PUSHBUTTON TO CROSS LOCH RAVEN BLVD"). THE POLE SHALL BE BURIED 3 FT. INTO THE GROUND. THE 2 IN. CONDUIT SHALL ENTER THE ACCESS HOLE OF THE POLE (SEE COMPOSITE PEDESTRIAN POLE DETAIL ON SHEET IC-04).
- INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	— A —
ELECTRICAL	— E —
TELEPHONE	— T —
GAS	— G —
SEWER	— SS —
STORM DRAIN	— SD —
WATER	— W —
CABLE TV	— TV —



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REVISIONS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
ASST. TRAFFIC ENGINEERING DESIGN DIVISION	
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
DIRECTOR, TRAFFIC & SAFETY	



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 542 (LOCH RAVEN BLVD.) @
DEANWOOD RD/ GLENDALE RD

DRAWN BY: B. THOMPSON	F.A.P. NO.	TS NO.	
CHECKED BY: D. DODA	S.H.A. NO.	20078	
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO.	
DATE: 6-15-84	LOG MILE: 03054203.41	F841	SHEET NO. 1 OF 5